

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 Portage Creek Area - Removal Polrep



US EPA RECORDS CENTER REGION 5



456986

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Region V

**Subject:** POLREP #37  
 Progress  
 Portage Creek Area  
 059B05  
 Kalamazoo, MI  
 Latitude: 42.2839750 Longitude: -85.5791570

**To:** Sam Borries, U.S. EPA  
 Jason El-Zein, U.S. EPA  
 John Maritote, U.S. EPA  
 Mike Ribordy, U.S. EPA  
 Mark Mills, Michigan DNR  
 Daria Devantier, MDEQ  
 Paul Bucholtz, MDEQ  
 Debbie Jung, City of Kalamazoo  
 Lisa Williams, U.S. FWS  
 Todd Goeks, NOAA  
 Valincia Darby, Department of Interior  
 Mark Johnson, ATSDR

**From:** Craig Thomas, On-Scene Coordinator

**Date:** 10/11/2013

**Reporting Period:** 9/28/2013 - 10/11/2013

# 1. Introduction

## 1.1 Background

<b>Site Number:</b>	059B05	<b>Contract Number:</b>	EP-S5-09-05
<b>D.O. Number:</b>	0087	<b>Action Memo Date:</b>	7/5/2011
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	NPL	<b>Operable Unit:</b>	05
<b>Mobilization Date:</b>	9/26/2011	<b>Start Date:</b>	8/30/2011
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	MID006007306	<b>RCRIS ID:</b>	NA
<b>ERNS No.:</b>		<b>State Notification:</b>	Yes
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

### 1.1.1 Incident Category

Fund-lead removal action

### 1.1.2 Site Description

See POLREP #1

**1.1.2.1 Location**

See POLREP #1

**1.1.2.2 Description of Threat**

See POLREP #1

**1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

See POLREP #1

**2. Current Activities****2.1 Operations Section****2.1.1 Narrative**

Backfilling and re-construction of the creek channel and banks was completed in SA1A. All equipment, supplies and materials are being demobilized from SA1A and SA1B support areas. Contaminated sediments excavated from SA1A have been shipped for disposal to an approved facility.

**2.1.2 Response Actions to Date**

From September 28 to October 11, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 14,321 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 1,120,456 gallons treated to date;
- Loaded out 2,262 tons of TSCA-contaminated sediments for transport & disposal at an approved landfill facility;
- Received, decontaminated, wipe sampled and demobilized heavy equipment; and
- Conducted work area perimeter air monitoring for dust.

Site Activities - SA1A

- Received and stockpiled aggregates to support backfilling operations;
- Completed final backfilling of grids SA1A-1 to SA1A-9 according to Restoration Plan;
- Removed and demobilized isolation (groundwater) dewatering system;
- Removed and demobilized upstream and downstream sheet pile coffer dams;
- Conducted bank stabilization, restoration and temporary seeding;
- Began removing staging and support area equipment, materials and supplies; and
- Conducted work area perimeter air monitoring for dust.

Site Activities - SA1B

- Removed and demobilized creek bypass pumps
- Began demobilizing staging and support area equipment, materials and supplies; and
- Began re-construction, stabilization, restoration and temporary seeding of area.

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Conducted landscaping maintenance & irrigation in Rose Park;
- Finalized plans for temporary restoration of John Street staging pad in coordination with property owners;
- Finalized plans to re-construct sections of KRVT boardwalk removed for bypass pumping system;
- Finalized plans for re-opening of KRVT closed due to project in late October;
- Finalized plan for restoration of SA1C (west bank) with property owner;
- Finalized development of site specific restoration plans for SA1A; and
- Continued development of project final report.

**2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

See POLREP #1

**2.1.4 Progress Metrics**

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
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TSCA contaminated sediments	solidified sediment	2262 tons	010588962JJK-010588963JJK; 010331410JJK-010331455JJK	disposal	Wayne Disposal, Belleville, MI
Tires	rubber	51	NA	recycling	Entech, Inc., White Pigeon, MI
Shipping Pallets	wood	120	none	reuse	Allen Trench Safety

## 2.2 Planning Section

Removal activities anticipated to take place from October 12 to October 25 include the following:

### Site Activities - John Street Staging Area

- Complete treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Decontaminate, wipe sample and demobilize remaining heavy equipment;
- Conduct post-construction soil sampling in staging and support areas;
- Remove 'trucks entering highway' signs from Crosstown Parkway;
- Remove staging pad for disposal at approved landfill facility and re-grade area;
- Prepare for demobilization of trailers and offices; and
- Conduct work area perimeter air monitoring for dust.

### Site Activities - SA1A

- Remove remaining equipment from staging area(s);
- Remove and cut bypass pump system piping from Rose Park and ship back to vendor;
- Re-construct KRVV decking on boardwalk removed for bypass pump system piping;
- Replace light post removed from Rose Park removed for bypass pump system piping;
- Conduct post-construction sampling in staging and support areas;
- Remove all fencing and rock from staging area(s); and
- Complete temporary restoration and seeding of staging area(s).

### Site Activities - SA1B

- Remove remaining equipment from staging area;
- Restore creek bank used for bypass pumping system pump pad.
- Remove temporary fencing; and
- Complete temporary restoration and seeding of staging area.

### Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Continue weekly landscaping maintenance & irrigation in Rose Park;
- Conduct post-construction structure features assessment in SA1;
- Identify all damaged sidewalk and pavement damages due to project activities and solicit bids for repairs; and
- Solicit bids for final restoration work according to area-specific restoration plans in SA1.

## 2.2.1 Anticipated Activities

See POLREP #2

### 2.2.1.1 Planned Response Activities

See above

### 2.2.1.2 Next Steps

See above

## 2.2.2 Issues

None

**2.3 Logistics Section**

The current resources present on site during this reporting period include:

- Office trailers
- Portable restrooms & hand-washing stations
- Portable generators
- Submersible pumps
- Tire Wash decon pad
- Equipment storage container
- ERRS work crews and subcontractor work crews
- START sampling contractor
- Security subcontractor personnel
- Heavy equipment
- Water truck
- Street sweeper
- Frac (water) tanks
- Pressure wash trailer
- Bypass pumps & piping
- Sheet piling
- Mobile wastewater treatment plant
- Monitoring equipment
- Traffic control structures & roadway signage
- Mobile light towers
- Crane and operator
- Bypass pump subcontractor personnel

**2.4 Finance Section****2.4.1 Narrative**

See table

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$13,300,000.00	\$10,313,028.00	\$2,986,972.00	22.46%
TAT/START	\$700,000.00	\$479,683.00	\$220,317.00	31.47%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$14,000,000.00</b>	<b>\$10,792,711.00</b>	<b>\$3,207,289.00</b>	<b>22.91%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

**2.5 Other Command Staff****2.5.1 Safety Officer**

Craig Thomas, Paul Ruesch and Andy Maguire serve as safety officer(s). The HASP is reviewed and signed by all site personnel. All new personnel, including sub-contractors, are provided a site orientation

and safety briefing. Safety meetings are held each morning with all site workers.

## **2.6 Liaison Officer**

Craig Thomas, Paul Ruesch and Andy Maguire serve as liaison(s) with local officials and interested parties.

## **2.7 Information Officer**

A site tour & interview was provided to a reporter and photographer from Connect, a monthly television show on the Public Media Network on October 1. A 1 hour presentation on the project was provided to 25 students of the Michigan Conservation Stewards Program at the Kalamazoo Nature Center on October 3. A telephone interview was provided to Michigan Public Radio (October 7).

### **2.7.1 Public Information Officer**

See Section 2.6

Signage was ordered to alert KVRT users of the trail re-opening. The signs will be placed along the KVRT when it is re-opened later this month.

### **2.7.2 Community Involvement Coordinator**

Don DeBlasio - U.S. EPA

## **3. Participating Entities**

### **3.1 Unified Command**

N/A

### **3.2 Cooperating Agencies**

U.S. Environmental Protection Agency  
Michigan Department of Environmental Quality  
Michigan Department of Agriculture and Rural Development  
Michigan Department of Natural Resources  
U.S. Fish and Wildlife Service  
City of Kalamazoo:  
    Department of Public Services  
    Parks and Recreation Department  
    Economic Development Department  
    Community Planning & Development  
    Public Safety Department  
    Fire Department  
    Police Department  
    Redevelopment Department  
Bronson Methodist Hospital  
Kalamazoo Nature Center

## **4. Personnel On Site**

U.S. EPA - 2  
START contractor (Weston Solutions) - 1  
ERRS contractor (Environmental Quality Management, Inc) - 12  
Fulton Trucking - 2  
S&K Trucking - 4  
Jackson-Merkey Contractors, Inc. - 3  
Rain for Rent - 4  
Grand Davo Crane Contractors 2  
Baker Pumps - 1

TOTAL PERSONNEL = 30

## **5. Definition of Terms**

ERRS - Emergency and Rapid Response Services  
FOSC - Federal On Scene Coordinator  
U.S. FWS - United States Fish and Wildlife Service  
HASP - Health and Safety Plan

KRVT - Kalamazoo River Valley Trail  
mg/kg - milligrams per kilogram  
mg/m<sup>3</sup> - milligrams per cubic meter  
MDEQ - Michigan Department of Environmental Quality  
NA - Not Applicable  
NOAA - National Oceanic and Atmospheric Administration  
NPL - National Priorities List  
NRDA - Natural Resource Damage Assessment  
PCB - polychlorinated biphenyl  
ppm - parts per million  
PRPs - Potentially Responsible Parties  
RTK GPS - Real Time Kinematic Global Positioning System  
SA - Slope Area  
START - Superfund Technical Assessment and Response Team  
U.S. EPA - United States Environmental Protection Agency

## **6. Additional sources of information**

### **6.1 Internet location of additional information/report**

See the project website at <http://www.epaosc.org/portagecreekarea>.

### **6.2 Reporting Schedule**

The next POLREP will be generated on October 25.

## **7. Situational Reference Materials**

See the project website at <http://www.epaosc.org/portagecreekarea>.

Additional information on the overall Kalamazoo River Project can be found at <http://www.epa.gov/Region5/cleanup/kalproject/index.htm>.



